

EXHIBIT A

Sirius XM Radio Inc. Request For Special Temporary Authority For FM-5 Satellite LEOP and IOT Services Earth Station Call Sign E080168

Sirius XM Radio Inc. (“Sirius XM”) herein requests a grant of Special Temporary Authority (“STA”)¹ for 30 days, from June 29, 2009 through July 29, 2009, to use the S- and X-band antennas on its Ellenwood, Georgia earth station (Call sign E080168) to provide launch and early orbit phase (“LEOP”) services to, and in orbit testing (“IOT”) of, its FM-5 satellite (call sign S2710). Sirius XM expects to launch the FM-5 satellite on June 29, 2009 to be emplaced in the 96° W.L. orbital location.²

Sirius XM will conduct LEOP and IOT operations for FM-5 in the satellite’s authorized frequency bands. More specifically, the Ellenwood, GA earth station will use the following frequencies:

2320.0 – 2332.5 MHz (downlink)
7051.5 – 7052.5 MHz (uplink)
7055.5 – 7056.5 MHz (uplink)
7060.0 – 7064.5 MHz (uplink)
7068.0 – 7072.5 MHz (uplink)

Grant of this request will not cause harmful interference to other satellite operators. Sirius XM won exclusive satellite rights to the 2GHz spectrum at auction and will coordinate internally its LEOP and IOT operations with its other in-orbit satellites. No other satellite operators will be affected by Sirius XM’s use of these LEOP and IOT frequencies.

Similarly, grant of this request will not cause harmful interference to existing or proposed terrestrial facilities operating in the X-band. Through Comsearch, Sirius XM has coordinated its proposed use of the Ellenwood, GA earth station with all existing or proposed terrestrial facilities operating in the shared 7 GHz frequency band, including national licensees. In the extremely unlikely event that harmful interference should occur due to transmissions to or from its earth station, Sirius XM will take all reasonable steps to eliminate the interference.

Grant of this STA will serve the public interest by ensuring the safe placement of FM-5 into its assigned geostationary orbit location at 96° W.L. Sirius XM’s operation of FM-5 along with its existing network of three non-geostationary satellites will produce immediate service improvements to Sirius XM’s U.S. and Canadian customers. Approval of this STA will facilitate Sirius XM’s ability to implement these service improvements.

In light of the above, Sirius XM respectfully requests Commission approval of this STA request.

¹ Sirius XM has filed its STA request, an FCC Form 159, filing fee and this supporting narrative electronically via the International Bureau Filing System (“IBFS”).

² File No. SAT-LOA-20060901-00096 (stamp grant April 16, 2007, with conditions).